ATTORNEY DOCKET NO.

PLEASE NOTE: YOUMUST COMPLETE THE FOLLOWING:

Page 1 of 2

(Application Number)

PO 30x 747 • Falls Church, Virginia 22040-0747

DEC 1 1 2000 one (703) 205-8000 • Faesimile: (703) 205-8050

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

| THIN FILM TRANS   | ISTOR SUBSTRATE  | OF LIQUID   | CRYSTAL   | DISPLAY  |  |  |  |  |
|---|--|---|---|--|--|--|--|--|
| AND METHOD OF MANUFACTURE   |  |   |   |  |  |  |  |  |
| the specification of which is attached hereto. If not attached hereto, the specification was filed on   |  |   |   |  |  |  |  |  |
|   |  |   |   | licable): and/o  | _;<br>or   |  |  |  |
| the specification was filed on as PCT   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
| amended by any amendment referred to above.   |  |   |   |  |  |  |  |  |
| I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
| application, that the invention has   | not been patented or made the  | subject of an inventor'   | s certificate iss   | ued before the da  | te of this   |  |  |  |
|   |  |   |   |  |  |  |  |  |
| this invention has been filed in any co   |  |   |   |  |  |  |  |  |
| or assigns, except as follows.  | or assigns, except as follows.   |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   | (s)  |   |   | Priority   | Claimed  |  |  |  |
|   | KOREA  | 02/24/2   | 2000  | X[X]   |  |  |  |  |
| (Number)  | (Country)  | (Month / Da   | y / Year Filed)   | res  | No   |  |  |  |
| (Number)  | (Country)  | (Month / Da   | y / Year Filed)   | — Yes  | No   |  |  |  |
|   |  |   |   |  |  |  |  |  |
| (Number)  | (Country)  | (Month / Da   | y / Year Filed)   | Yes  | No   |  |  |  |
| (Number)  | (Country)  | (Month / Da   | v / Year Filed)   | — ∐<br>Yes   | ∐<br>No  |  |  |  |
|   |  |   |   |  |  |  |  |  |
| I hereby claim the benefit under Titl   | le 35, United States Code, §119(   | ) of any United States 1  | provisional appl  | ication(s) listed b  | elow.  |  |  |  |
| (Application Number)  |  |   |   | (Filing Date)  |  |  |  |  |
| (Application Number) (Filing Date)  |  |   |   |  |  |  |  |  |
| All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the      |  |   |   |  |  |  |  |  |
| Filing Date of This Application:  |  |   |   |  |  |  |  |  |
| Country Application Number  |  |   | Date of F   | iling (Month / Day   | / Year)  |  |  |  |
|   |  |   |   |  |  |  |  |  |
|   |  |   |   |  |  |  |  |  |
| I hereby claim the benefit under Title 35. United States Code. §120 of any United States and/or PCT application(s) listed below and,          |  |   |   |  |  |  |  |  |
| insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in |  |   |   |  |  |  |  |  |
| is material to patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of    |  |   |   |  |  |  |  |  |
| the prior application and the national  | l or PCT international filing date   | of this application:  |   |  |  |  |  |  |
| (Application Number)  | (Filing Date   |   |   | med, pending, abandone   |  |  |  |  |
|   | verily believe that I am the original verily believe that I am the original piural inventors are named below) of THIN FILM TRANS  AND METHOD OF M.  the specification of which is attache the specification was full content of the specification was file International Application amended on the specification was file International Application amended by any amendment referral 1 acknowledge the duty to discl \$1.56.  I do not know and do not beli thereof, or patented or described in to this application, that the same application that the invention has application in any country foreign more than twelve months (ask months invention has been filed in any correspondent to the same application in the invention has been filed in any corresponding to the same application in the same in the | verity believe that I am the original, first and sole inventor (if only on plural inventors are named below) of the subject matter which is claid THIN FILM TRANSISTOR SUBSTRATE  AND METHOD OF MANUFACTURE  the specification of which is attached hereto. If not attached hereto, the specification was filed on United States Application Number and amended on the specification was filed on International Application Number amended under PCT Article 19 on International Application Number amended under PCT Article 19 on International Application Number amended by any amendment referred to above.  I hereby state that I have reviewed and understand the context amended by any amendment referred to above. I acknowledge the duty to disclose information which is material \$1.56. I do not know and do not believe the same was ever known or thereof, or patented or described in any printed publication in any country foreign to the United States of America or more than there months can was not in public use or on sale application, that the invention has too there patented or made the application in any country foreign to United States of America or more than there months (as most for designs) prior to this application in any country foreign to United States of America or assigns, except as follows.  I hereby claim foreign priority benefits under Tite 35, United States of America or assigns, except as follows.  I hereby claim foreign priority benefits under Tite 35, United States of America or assigns, except as follows.  (Number) (Country)  (Number) (Country)  (Number) (Country)  I hereby claim the benefit under Tite 35, United States Code, §119(canno Number)  All Foreign Applications, if any, for any Patent or Inventor's Certifica Filing Date of This Application (Tite 35, United States Code, §10 (country) (country)  (Number) (Fountry) (Application Number)  All Foreign Applications, if any, for any Patent or Inventor's Certifica Filing Date of This Application (Tite 37, Code of Federal Reset States of Code of Federal Reset States St | verily believe that I am the original, first and sole inventor (flonty) one inventor is named below plural inventors are named below) of the subject matter which is claimed and for which a part THIN FILM TRANSISTOR SUBSTRATE OF LIQUID (AND METHOD OF MANUFACTURE)  the specification of which is attached hereto. If not attached hereto, the specification was filed on United States Application Number and amended on the specification was filed on International Application Number and amended on the specification was filed on International Application Number amended under PCT Article 19 on International Application Number amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patentability as defin §1.56.  I do not know and do not believe the same was ever known or used in the United States of Application, that the invention has not been patented or made the subject of an inventor application in any country foreign to the United States of America on an application fined may country foreign to the United States of America on an application filed may country foreign to the United States of America on an application filed in any country foreign to the United States of America prior to this or assigns, except as follows.  I hereby claim foreign priority benefits under Title 35. United States Code, \$119 (a)-(d) inventor's certificate listed below and have also identified below any foreign application in filing date before that of the application on which priority is claimed:  PPOOO – 89 52 KOREA 02 / 24 / 2 (Month/ Da (Month/ Da (Month/ Da (Month) Da (Da (Da (Da (Month) Da (Da (Da (Month) Da (Da (Da (Month) Da (Da (Da (Da (Month) Da (Da (Da (Da (Da (Da (Da (Da (Da (Da | verily believe that I am the original, first and sole inventor (if only one inventor is named below) or sho origin plural inventors are named below) of the subject matter which is claimed and for which a patent is sought to THIN FILM TRANSISTOR SUBSTRATE OF LIQUID CRYSTAL  AND METHOD OF MANUFACTURE  the specification of which is attached hereto. If not attached hereto, the specification was filled on United States Application Number and amended on the specification was filed on United States Application Number amended under PCT Article 19 on International Application Number amended under PCT Article 19 on International Application Number amended by any amendment referred to above.  I hereby state that I have reviewed and understand the contents of the above identified specification amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, C § 1.56.  I do not know and do not believe the same was ever known or used in the United States of America thereof, or patented or described in any printed publication in any country before my or our invention thereof to this application, that the same was not in public use or on sale in the United States of America and publication, that the invention has not been patented or made the subject of an inventor's certificate is application in any country foreign to the United States of America and an application for patent this invention has been filed in any country foreign to the United States of America prior to this application for patent this invention has been filed in any country foreign to the United States of America prior to this application for patent this invention has been filed in any country foreign to the United States of America prior to this application for patent or inviting date before that of the application in which priority is claimed:  Prior Foreifrace its stee below and have also identified below any foreign application for patent or inviting date before that of t | the specification was filed on United States Application Number and amended on States Application Number (if applicable); and/the specification was filed on filed from the specification was filed on specification was filed on filed from the specification was filed and understand the contents of the above identified specification, including the amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Re §1.56.  I do not know and do not believe the same was ever known or used in the United States of America before my or our thereof, or patented or described in any primeter than one to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the displication in any country foreign to the United States of America prior to this application by me or my legal representatives more than tweetwo mottles (is months for designs) prior to this application, and that no application by patent or inventor's certificate issued before the displication and that no application filed in any country foreign to the United States of America prior to this application by me or my legal representatives more than tweetwo mottles (is months for designs) prior to this application, and that no application by patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's cer |  |  |  |

(Filing Date)

(Status -- patented, pending, abandoned)

I hereby appoint the strong automest to prosecute this application and/or an 1 passional application based on this application and to transact all bussies shiple beart and Trademark Office connected therewith and in domection with the resulting patient based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assigned provides said attorneys with a written notice to the contrary.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on the belief are believed to be true, and further that these statements were made with the knowledge that wilful statements were made with the knowledge that wilful statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued theretoon.

| Name of First or<br>le Inventor                   | GIVEN NAME   | FAMILY NAME                         | INVENTOR'S SIGNATURE                             | DATE*                          |  |  |  |
|---|--|-------------------------------------|--|--------------------------------|--|--|--|
| t Name of →                                       | IN DUK   | SONG                                | Song In Duk                                      | 25. 54. 700                    |  |  |  |
| t Date This<br>ocument is Signed<br>t Residence → | Residence (City, State & Count   | TOO JOHNON                          | APARTMENT,489-1<br>NGSANGBUK-DO,KOREA R          | CITIZENSHIP<br>EPUBLIC OF KORE |  |  |  |
| Citizenship                                       |  | lete Street Address including City. |  | 1                              |  |  |  |
| Post Office →                                     | SAME AS ABO  | •                                   | State & Country;                                 |                                |  |  |  |
| Name of Second                                    | GIVEN NAME   | FAMILY NAME                         | INVENTOR'S SIGNATURE                             | DATE*                          |  |  |  |
| iventor if are:                                   | WON GYUN   | YOON                                | Yourn won tryin                                  | v 25. sep 2m                   |  |  |  |
|   | Residence (City, State & Count<br>HWANGS ANG - D   | 202-1303,11                         | WAJIN KEUMBONG APARTME<br>,KYUNGSANGBUK-DO,KOREA | PERIORITO OF VOR               |  |  |  |
|   |  | lete Street Address including City, |  | KEI OBLIC OF KOK               |  |  |  |
|   | SAME AS ABO  | VE                                  |  |                                |  |  |  |
|   | GIVEN NAME   | FAMILY NAME                         | INVENTOR'S SIGNATURE                             | DATE                           |  |  |  |
| Name of Thard<br>entor, if any<br>see above       | KEUK SANG  | KWON                                | Kwon Keuk San                                    | 9 02 Oct 200                   |  |  |  |
|   | Residence (City, State & Count<br>HWANGSANG - D  | w 202-805,HW<br>ONG.KUMI-SHI        | AJIN KEUMBONG APARTMEN                           | PCITIZENSHIP                   |  |  |  |
| ł   | HWANGSANG-DONG, KUMI-SHI, KYUNGSANGBUK-DO, KOREAREPUBLIC OF KORPOST DFFICE ADDRESS (Complete Street Address including City, State & Country) |                                     |  |                                |  |  |  |
|   | SAME AS ABO  | VE                                  |  |                                |  |  |  |
| di Name of Fourth<br>Inventor, if any             | GIVEN NAME   | FAMILY NAME                         | INVENTOR'S SIGNATURE                             | DATE*                          |  |  |  |
| see above   | Residence (City, State & Count   | ny)                                 |  | CITIZENSHIP                    |  |  |  |
|   | PDST DFFICE ADDRESS (Compl   | lete Street Address including City, | State & Country)                                 |                                |  |  |  |
| Name of Fifth                                     | GIVEN NAME   | FAMILY NAME                         | INVENTOR'S SIGNATURE                             | DATE.                          |  |  |  |
| rvaniec of Pitter<br>veniec, if any<br>see above  |  |                                     |  |                                |  |  |  |
|   | Residence (City, State & Count   | ry)                                 |  | CITIZENSHIP                    |  |  |  |
|   | POST OFFICE ADDRESS (Complete Street Address including City, State & Country)  |                                     |  |                                |  |  |  |
|   |  |                                     |  |                                |  |  |  |
| of 2  | L  |                                     |  |                                |  |  |  |